



# DINITRO-o-CRESOL

UN 1598

Shipping Name: Dinitro-o-cresol  
Other Names: Capsine  
2,4-Dinitro-o-cresol  
Dinitrocresol  
Nitrador  
Nitrofan  
Sinox



**WARNING!** • DILUTE MATERIAL WITH WATER! PURE MATERIAL (less than 10% water) MAY SPONTANEOUSLY EXPLODE IF HEATED OR IF SHOCKED!

## Hazards:

- Irritating to skin, eyes, nose and lungs; prolonged contact will cause burns
- Container may BLEVE when exposed to fire
- Vapors are heavier than air and will collect and stay in low areas
- Combustion products include toxic nitrogen oxides

## Description:

- Yellow solid
- No odor
- Insoluble in water
- Flammable
- Vapors are heavier than air and will collect and stay in low areas

## Awareness and Operational Level Training Response:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Stay upwind and uphill
- Determine the extent of the problem
- BACK OFF! - Isolate a wide area around the release or fire, deny entry and call for expert help
- For container exposed to fire evacuate the area in all directions because of the risk of BLEVE
- Evacuate the immediate area and downwind for a large release
- Notify local health and fire officials and pollution control agencies
- If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water

## Operational Level Training Response:

### RELEASE, NO FIRE:

- Dilute material with foam or water
- Prevent contaminated runoff from entering sewers and waterways if it can be done safely well ahead of the release
- Ventilate confined area if it can be done without placing personnel at risk

### FIRE:

- Approach fire with extreme caution; consider letting fire burn
- Specially trained personnel operating from a safe distance can fight fires using foam or dry chemical if available in sufficient amounts or use fog streams to extinguish burning liquid. Do not direct straight streams into the liquid.
- Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location

## First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
  - ◆ Inhalation - remove the victim to fresh air and give oxygen if available
  - ◆ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
  - ◆ Eye - rinse eyes with large volumes of water or saline for 15 minutes
  - ◆ Swallowed - do not make the victim vomit
- Seek medical attention
- Toxic effects may be delayed
- For skin burns decontaminate with water and apply a clean dry dressing

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